

Appl. No.: 10/518,947
Reply to Office Action of: 11/21/2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A connector arrangement with a first housing and a second housing, each of which receives a plug arrangement and a socket arrangement, respectively, wherein the first housing has bearing sleeves and the second housing has guide tabs, wherein the housings can be joined together by means of a cross slider which has a first slot and guide frame slots, which is controlled by a pivoted lever having a bearing tab and a guide tab, wherein the pivoted lever is mounted on the first housing, is hereby characterized in that the guide frame slots are open in the direction of plugging, in order to make possible an insertion of the respective second housing guide tabs, wherein the end of the guide frame slots of the cross slider situated toward the plugged end of the first housing has, in each case, an opening that is parallel to the direction of plugging for receiving the guide tabs arranged correspondingly on the second housing, wherein the bearing tabs of the pivoted lever are mounted in the bearing sleeves of the first housing, wherein the bearing sleeves are open in the direction opposite to the direction of plugging, wherein the first slot of the cross slider receives the lever guide tab, and wherein the first slot of the cross slider is parallel to the direction of plugging and open in the direction opposite to the direction of plugging.

Appl. No.: 10/518,947
Reply to Office Action of: 11/21/2006

2. (Previously presented) The connector arrangement according to claim 1, further characterized in that first spring catch arms are formed, in each case, in a region of the opening.
3. (Previously presented) The connector arrangement according to claim 2, further characterized in that, at its free end, the first catch arm has a catch piece dropping off at an angle to the opening, a back side of which has a catch shoulder for blocking the guide tab.
4. (Previously presented) The connector arrangement according to claim 2, further characterized in that the openings of the guide frame slots widen toward the plugged end of the first housing.
5. (Previously presented) The connector arrangement according to claim 1, further characterized in that the bearing tabs of the pivoted lever are secured by a second elastic spring arm, on one side of the bearing sleeve opening.
6. (Previously presented) The connector arrangement according to claim 5, further characterized in that the second elastic spring arms are arranged on an attached piece of the first housing next to the bearing sleeves in such a way that their free end secures, in each case, the bearing tabs in the bearing sleeves.
7. (Previously presented) The connector arrangement according to claim 6, further characterized in that the second elastic spring arms extend at an angle to the direction of plugging.

Appl. No.: 10/518,947

Reply to Office Action of: 11/21/2006

8. (Previously presented) The connector arrangement according to claim 1, further characterized in that the first housing has a circular segment guide frame slot that is open in the direction opposite to the direction of plugging and in part concentric in relation to the bearing sleeve.

9. (Previously presented) The connector arrangement according to claim 8, further characterized in that the open side of the circular segment guide frame slot extends parallel to the direction of plugging.

10. (Previously presented) The connector arrangement according to claim 8, further characterized in that in an unactuated position of the pivoted lever, the first slot of the cross slider lies below the opening of the circular segment slot, in order to receive the respective guide tab of the pivoted lever.

11. (Currently amended) A connector arrangement comprising:

a first housing having a ~~socket arrangement~~ first contact and a bearing sleeve, wherein the bearing sleeve is open in the direction opposite to the direction of plugging;

a second housing having a complementary ~~pin arrangement~~ second mating contact;

a cross slider disposed between the first housing and the second housing, wherein the cross slider comprises a slot open in the direction opposite to the direction of plugging; and

a lever having a bearing tab and a guide tab, wherein the bearing ~~sleeve tab~~ is configured to be received by the bearing

Appl. No.: 10/518,947

Reply to Office Action of: 11/21/2006

tab sleeve when the bearing tab is inserted into the bearing sleeve in the direction of plugging, and wherein the slot guide tab is configured to receive be insertable into the guide-tab slot in the direction of plugging.

12. (Currently amended) A connector arrangement comprising:

a first housing having a back side and an opposing ~~socket arrangement~~ first contact forming a plug face, wherein the first housing comprises a bearing sleeve and a spring arm, wherein the bearing sleeve is open to the back side of the first housing, and wherein a free end of the spring arm extends to a side of the bearing sleeve;

a second housing having a complementary ~~pin arrangement~~ second mating contact ~~insertable into the socket arrangement;~~

a cross slider disposed between the first housing and the second housing, wherein the cross slider comprises a slot having a closed end and an open end, wherein the closed end is adjacent to the plug face and the open end is adjacent to the back side; and

a lever having a bearing tab and a guide tab, wherein the bearing sleeve is configured to receive the bearing tab, wherein the free end is configured to resiliently deflect and secure the bearing tab within the bearing sleeve, and wherein the slot is configured to receive the guide tab.